STUE SLIP STAPLE AREA (for additional cross references)

| INITIALS | ID NO. | DATE      |
|----------|--------|-----------|
| ۲.       |        | 11 (19.0) |
|          | 12/    | 1216      |
| H-5      | 866    | 12-07-01  |
| AS       | 861    | 1-31-02   |
|          |        | H-S 866   |

## INDEX OF CLAIMS

| ✓ Rejected                   | N Non-elected |
|------------------------------|---------------|
| = Allowed                    | 1Interference |
| — (Through numeral) Canceled | A Appeal      |
| ÷ Restricted                 | O Objected    |

|               |             |              |    |                |              | ÷            |          | ••••           | •••••  | ••••     | ••••      | •••• |          | Rest              | iric    | ted          |          |          |              | U  | ••••           | •••••    | •••••           | •••••    |          |               | Obje       | CLEL     | ı                                      |  |                |          |              |              |          |    |
|---------------|-------------|--------------|----|----------------|--------------|--------------|----------|----------------|--|----------|-----------|------|----------|-------------------|---------|--------------|----------|----------|--------------|--|----------------|----------|-----------------|----------|----------|---------------|------------|----------|--|--|----------------|----------|--------------|--------------|----------|----|
| Cla           | im          | Г            |    | -              |              | Dat          | e        |                | _  |          | $\neg$    |      | Cla      | aim               |         | _            |          |          | Dat          | te   |                |          |                 |          | [        | Clai          | m          |          |  |  | Dat            | ө        |              |              | _        | _  |
| Final         | 100         | 3            | Q. |                |              |              |          |                |  |          |           |      | Final    | lal               | 37:     | 3            |          |          |              |  |                |          |                 |          | i        | Final         | Original   |          |  |  | •              |          |              |              |          |    |
| Ĭ.            | Ğ           | +            | V  | Τ,             | M            |              |          | П              |  |          |           |      |          | 51                | ç       | Ξ            |          |          |              |  |                |          |                 |          |          |               | 101        | 1_       |  |  | Ш              |          | _            | Ш            | Ш        | L  |
|               | 2           | H            | V  |                |              |              |          |                |  |          |           |      | _        | 52                | 4       | 5            | _        | L        | ╙            | _  | Ш              | _        | i               | _        | -        |               | 02         | +        |  | L  |                |          |              | H            | $\vdash$ | ⊢  |
|               | 3           | 1            | V  | <u> </u>       | Ш            |              |          |                |  |          | _         |      |          | 53                | Щ       | Ξ            | -        | ļ_       | ↓_           | _  |                |          | -               | _        | -        |               | 103<br>104 | +        | -                                      | -  | _              |          | $\vdash$     | Н            | -        | ├  |
| $\vdash$      | 4           | Н            | 4  | ╙              |              | <u> </u>     | _        | <u> </u>       |  |          | 4         |      | -        | 54<br>55          | H       |              |          | -        | ⊢            | -  |                | _        | $\dashv$        |          | H        |               | 05         | ╁        | ├-                                     | $\vdash$   |                | -        |              | Н            | $\vdash$ | ╁  |
| $\vdash$      | نز          | +            | N  | ╁              |              | _            | -        | -              | Н  | $\dashv$ | $\dashv$  |      | -        | 56.               | ╂       | 11/1         | ╁        | $\vdash$ | ╁            |  |                |          | $\vdash$        | -        | H        | _             | 06         | +-       | $\vdash$                               | $\vdash$   |                |          |              |              | -        | H  |
| $\vdash$      | 6<br>7      | H            | 1  | ╁              | $\vdash$     | _            | -        |                | Н  | $\dashv$ | ⊣         |      | ⊣        | 57                | H       | N            |          | ╁╌       | †            | -  |                |          | Н               | 1        | r        |               | 107        | $\top$   | Г                                      | 1  |                |          |              | П            |          | Г  |
| $\vdash$      | 8           |              | ∀  | ┼─             | <del> </del> | _            | $\vdash$ | H              | H  | -        | $\dashv$  |      | $\vdash$ | 58                | H       | Ä            | -        | $\vdash$ | 1            | H  |                |          |                 | ╗        |          | Ŧ             | 08         |          |  |  |                |          |              |              |          | L  |
| <del> -</del> | 9           | +            | フロ | $\dagger$      | -            |              | $\vdash$ |                | М  |          | $\exists$ |      |          | 59                | П       | A            |          |          | Г            |  |                |          |                 |          |          | 1             | 09         |          |  |  |                |          |              |              |          | L  |
| ļ-            |             |              | V  |                |              |              | Т        |                | П  |          | $\neg$    |      |          | 60                |         | 1            |          |          |              |  |                |          |                 |          |          | _             | 10         | <u> </u> | <u> </u>                               | <u>L</u>   | _              |          | <u> </u>     | Ш            | L        | Ļ  |
| -             | X           |              | Y  | T              |              |              |          |                |  |          |           |      |          | 6                 |         | V            | L        |          | L            | ┕  | L.             |          |                 | _        | L        | _             | 111        | $\bot$   | <u> </u>                               |  | _              |          | <u> </u>     | $\vdash$     | ⊢        | ├- |
|               | 12          |              | V  |                |              |              |          |                |  |          |           |      |          | 62                | Ц       | V            |          | $\perp$  | L            | <u> </u>   |                |          |                 | 4        | F        |               | 12         | -        | ▙                                      | <u> </u>   | _              | $\vdash$ |              | $\vdash$     | <u> </u> | ╀  |
|               | 13          | Ш            | V  |                |              | <u> </u>     |          | <u> </u>       |  |          | _         |      | _        | 63                | Н       | 1            |          | $\vdash$ | ⊢            | ļ  | _              | _        | Н               | 4        | -        | -             | 113        | -        | <del> </del>                           | $\vdash$   | <u> </u>       |          | -            | $\vdash$     | ⊢        | ╀  |
| $\vdash$      | 14          |              | V  | <u> </u>       | <u> </u>     | <u> </u>     | <u> </u> | L              | _  | Ш        | _         |      | $\vdash$ | 64                | Н       | C            | }        | ┼-       | ⊬            | <b>├</b> -                                       | $\vdash$       |          | $\vdash$        | -        | F        | _             | 114<br>115 | +        | ╁╌                                     | -  | H              |          |              | H            | ⊢        | ╁  |
|               | 15          |              | V  | 1              | <u> </u>     | _            | <u> </u> | <del> </del>   |  | -        | _         |      | $\vdash$ | 65<br>66          | Н       | V            | 4        | ╀        | ├-           | ┢  | -              |          | $\vdash$        | $\dashv$ | F        |               | 116        | ╁╌       | +                                      | ├-   | <del> </del>   | -        |              | Н            | ┢        | t  |
|               | 16<br>17    | _            | 1  | 4              | 1            | -            | $\vdash$ |                | H  | $\vdash$ | _         |      | -        | (6 <del>3</del> ) | ╁       | V            | ╁╌       | ╁        | ╁            | <del>                                     </del> | -              |          |                 | =        | <u> </u> | _             | 117        | ╁        | <del> </del>                           |  | <del>  -</del> |          | _            |              | 一        | †  |
| $\vdash$      | 18          |              | V  | ╀              | $\vdash$     | -            | ⊢        | -              | $\vdash$   | $\vdash$ | -         |      | $\vdash$ | 68                | H       | V            | +        | +        | ╁            |  |                |          | $\vdash$        | $\dashv$ | -        | $\overline{}$ | 118        | $\top$   |  |  |                |          | $\vdash$     |              | Г        | T  |
| -             | 19          |              | M  | ╁              | $\vdash$     |              | ┢        | ⊢              | -  | Н        | -         |      |          | 69                | H       | V            | $\vdash$ | 1-       | ✝            | <u> </u>   | П              | _        |                 | ᆌ        |          | 1             | 119        | 1        |  |  |                |          |              |              | Г        | Γ  |
| $\vdash$      | 20          |              | Ŋ  | ╫              | $\vdash$     | _            | ├-       | ┢              | -  | H        |           |      | $\vdash$ | 70                | Ħ       | C            |          | T        | ✝            | T  |                |          |                 | ヿ        |          | 1             | 20         | 1        | Т                                      |  |                |          |              |              | Г        | Γ  |
| ┢             | é           | $\mathbb{H}$ | Ň  | +              | $\vdash$     |              | ╁        | ┢              | ╁  | Н        | _         |      | $\vdash$ | 71                | H       | V            |          | +-       | t            | 1  |                |          |                 | _        | F        |               | 121        | †        | T                                      |  |                |          |              |              |          | Γ  |
| $\vdash$      | 22          | 11           | 17 | ╫╴             | 一            | -            | ╁        | 一              | $\vdash$   | Н        | _         |      |          | 72                | H       | 1            | 1        | $\top$   | 一            |  |                |          | П               |          |          | -             | 22         |          | Г                                      |  |                |          |              |              |          |    |
| -             | 23          |              | 17 | 1              | 一            |              |          |                | Г  |          | _         |      | Г        | 73                |         |              |          |          | ,            |  |                |          |                 |          |          |               | 123        |          | $oxed{oxed}$                           |  |                |          | _            | Ш            | L        | L  |
| 一             | 24          |              | Ħ  | T              |              |              | $\vdash$ |                |  |          |           |      |          | 74                | $\prod$ | 001          |          |          | oxdot        |  |                |          |                 |          |          | $\rightarrow$ | 124        | ↓.       | <u> </u>                               | <u> </u>   | <u> </u>       |          |              | _            | ╙        | L  |
| Г             | 25          | <b>5</b>     | П  |                |              |              |          |                |  |          |           |      |          | 75                | 1       |              |          | ⊥.       | ot           | ┖  |                |          | $\square$       |          | L        | _             | 125        | +-       | ــــــــــــــــــــــــــــــــــــــ | _  |                |          | ļ            | ш            | ⊢        | ╀  |
|               | 2€          | ìЦ           |    |                |              |              |          |                |  |          |           |      | L        | 76                | 1       | Z            | _        | _        | ┞            | ↓_   | <u> </u>       |          | Ш               |          | -        |               | 26         | +        | ╀                                      | ⊢  | <u> </u>       | _        | ┡            | -            | ⊢        | ╀  |
|               | 27          |              | Ц  | ┸              |              | L            | _        |                | _  | Ш        |           |      | $\vdash$ | 77                | $\bot$  | Y            | $\bot$   | 1-       | ₽            | <b> </b>   |                | <u> </u> | $\vdash$        | _        | -        | _             | 27<br>128  | +        | ╁                                      | ├  |                | -        | _            | H            | -        | ╁  |
| $\vdash$      | 28          |              | 11 | 1              | _            | ┖            | ļ        | ļ              | <u> </u> _                                       | Ш        | _         |      | $\vdash$ | 78                | ╨       | K            | +        | ┼-       | ⊢            | -  | ⊢              | ⊢        | $\vdash$        | $\dashv$ | -        | _             | 29         | +-       | ┼                                      | ⊢  | <del> </del>   | -        | $\vdash$     | $\vdash$     | -        | ╁  |
| $\vdash$      | 29          |              |    | <del>  -</del> |              | _            | ┡        | <del> </del> — | ⊢  | H        |           |      | $\vdash$ | 79<br>80          |         | N            | ╫        | +-       | ╁            | ┝  | ├              |          | $\vdash$        | $\dashv$ | H        | _             | 30         | +        | ╁                                      | $\vdash$   | -              | -        | ├─           | $\vdash$     | 一        | t  |
| $\vdash$      | 30          |              | N  | -              | $\vdash$     |              | -        | $\vdash$       |  | Н        |           | ١.   | H        |                   | 4       | ľ            |          | ╁╾       | +            | ╁  |                | -        | H               | $\dashv$ |          | _             | 131        | +        | ╁                                      | <del>                                     </del> | _              | $\vdash$ | $\vdash$     |              | Г        | T  |
| $\vdash$      | 32          |              | 7  | ٠              | +            | ┢            | +-       | ╁              | ╁╾   | $\vdash$ |           | -    | +        | 82                |         | ++           | 4        | †-       | +            | 1-   |                | $\vdash$ | Н               | $\dashv$ |          |               | 32         | $\top$   | T                                      | $\vdash$   |                |          |              |              | Г        | T  |
| $\vdash$      | 3           |              | ि  | 4              | ╁            | ┢            | -        | ╁╌             | <del>                                     </del> | ┢        |           |      |          | 83                | _       | $^{\dagger}$ | ╈        | t        | T            | T  |                |          | П               |          |          | 7             | 33         |          |  |  |                |          |              |              |          | Γ  |
| Н             | 34          |              | Ŏ  | ,              | $\top$       | ┢            | ✝        |                | $\vdash$   |          |           |      |          | 84                |         | T            | 1        | Τ        |              |  |                |          |                 |          |          |               | 134        |          |  |  |                |          | <u> </u>     |              | 匚        | L  |
| Г             | 3           | 5            | V  | <i>i</i>       |              | i            |          |                |  |          |           |      |          | 85                |         | L            |          |          | $oxed{oxed}$ |  | L              |          | Ш               | _        | _        | _             | 135        | _        | ــــ                                   | <u> </u>   | <u> </u>       | _        |              | _            | ⊢        | ╄  |
|               | 36          | 3            | Q  | Ŀ              |              |              |          |                | <u> </u>   |          |           |      | L        | 86                | -       | 퇶            | $\bot$   | 1        | ┡            | ┞  | <u> </u>       |          | Ш               |          | -        |               | 36         | ╀        | ├-                                     | $\vdash$   | L              | -        | _            | <b>-</b>     | ┢        | ╀  |
|               | 3           |              | 0  |                | Ļ.           | L            | ╙        | 1_             | _  | _        | ٠         |      | _        | 87                |         | ╀            | 4        | 4        | ╄            | ┞  | <u> </u>       | _        | Н               | $\dashv$ | -        | _             | 37         | ╄        | ⊢                                      | ├-   | _              | $\vdash$ | <u> </u>     |              | ┢        | ╁  |
|               | 38          |              | C  |                | ┺            | <u> </u>     | ┷        | _              | <u> </u>   |          |           |      | $\vdash$ | 88                | _       | ╀            | +        | ┼-       | ₩            | ├-   | ⊢              | <u> </u> | <del>  </del>   | -        | -        | $\rightarrow$ | 38         | +-       | ╁                                      | ┢╌   | -              | H        | -            | H            | ┢        | ╁  |
| L             | 3           |              | 2  | 1              | -            | <del> </del> | $\vdash$ | ╀-             | 1  | $\vdash$ |           | 1    | $\vdash$ | 90                | 4       | +            | +        | +        | ╁            | ┢  | <del> </del> – | $\vdash$ | ┝┤              | $\dashv$ | H        |               | 39<br>40   | +        | +-                                     | $\vdash$   | -              | $\vdash$ | -            | $\vdash$     | $\vdash$ | †  |
| $\vdash$      | 4           |              | O  |                | $\bot$       | 1-           | ╀        | $\vdash$       | ↓_   | Ľ        |           |      | $\vdash$ | -                 | -       | ╀            | +        | ╀        | +            | $\vdash$   | ├              | ⊢        | $\vdash \vdash$ | $\dashv$ | -        |               | 141        | +        | +                                      | $\vdash$   | -              | H        | -            | $\vdash$     | -        | +  |
| L             | K           | 기            | V  | _              | 1-           | $\vdash$     | ╄        | ↓_             | <u> </u>   | -        |           | -    | -        | 91                | 1       | +            | +        | +-       | +            | -  | ⊢              | ⊢        | $\vdash$        | $\dashv$ | -        |               | 142        | +        | +                                      | ├  | $\vdash$       | ┢        | <del> </del> | $\vdash$     | $\vdash$ | t  |
| $\vdash$      | 4           |              | 1  |                | +            | $\vdash$     | ╀        | +              | ⊢  | ╀        | ⊢         | D    | $\vdash$ | 93                | _       | ╁            | +        | +        | +            | +  | +-             | $\vdash$ | $\vdash$        | $\dashv$ | H        |               | 143        | +        | $\vdash$                               | $\vdash$   | _              | $\vdash$ | ┢            | $\vdash$     | $\vdash$ | †  |
| $\vdash$      | 4           |              | 1  | Ή              | +            | +            | 4        | ╁              | ╁  | $\vdash$ | -         | 1    | $\vdash$ | 94                | +       | +            | +        | +-       | ╁            | +  | 1-             | $\vdash$ | $\vdash$        | $\dashv$ | ļ        |               | 144        | +        | T                                      | T  | Τ              | Г        | Г            | Г            | Г        | T  |
| $\vdash$      | 4           |              | ₹  | <del>/</del>   | +-           | ┿            | 1        | +              | +  | ╁        | ┝         | 1    | -        | 95                |         | +            | +        | +        | +            | $\dagger$  | †              | $\vdash$ | $\vdash$        | Ⅎ        | <br> -   |               | 45         | +        | T                                      | Τ  |                |          | Г            |              |          | Γ  |
| $\vdash$      | 4           | -1-          | 6  |                | +-           |              | **       | +              | $\vdash$   | t        | H         | 1    | $\vdash$ | 96                | -       | $^{\dagger}$ | †        | T        | T            | T  | Т              | Г        | П               |          | ı        |               | 46         | 1        | Т                                      | I  |                |          |              |              |          | L  |
| $\vdash$      | 4           | _            | だ  | 1              | $\top$       | t            | T        | †              | t  | 1        | Г         | 1    |          | 97                | -       | 1            |          | T        | Τ            | T  | Τ              |          |                 |          |          |               | 147        | Ι        | L                                      |  |                |          |              | Ĺ            | L        |    |
| 十             | 4           |              | 1  |                | 十            | 1            | T        | t              |  | T        |           | 1    |          | 98                |         | 1            | Ι        | I        | $\perp$      | L  |                |          |                 |          |          | _             | 148        |          | L                                      |  |                |          |              | L            | L        | L  |
|               | 4           | 9            | ٦ĸ |                | $\perp$      | Ι            | I        | Ι              |  |          |           |      |          | 99                |         | I            | Ι        | L        | $\perp$      | L  | $\perp$        |          | Ш               |          | Ĺ        |               | 149        | $\bot$   | L                                      | _  |                | _        | _            | <del> </del> | 1        | 1  |
|               | <u> 1</u> 6 | <u> </u>     | 4= | =              | 丄            | $\Gamma$     |          | L              | 1.   | L        | _         | ]    | L        | 10                | q       | L            | $\perp$  |          | $\perp$      | <u> </u>   | ட              | <u>L</u> | L               |          | Ļ        |               | 150        |          | <u> </u>                               | 1  | L              | L        | <u> </u>     | Ц            | Щ.       | 1_ |

If more than 150 claims or 10 actions staple additional sheet here

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